

Applicant or Patentee: Alexander Conrad and Charles Bell  
Serial or Patent No.: \_\_\_\_\_ Docket No. 20259-8  
Filed or Issued: Filed concurrently herewith Entitled: INTELLIGENT LOCATOR SYSTEM

VERIFIED STATEMENT (DECLARATION) BY A NON-INVENTOR  
SUPPORTING A CLAIM BY ANOTHER FOR SMALL ENTITY STATUS

I hereby declare that I am making this verified statement to support a claim by Wescom, Inc. for small entity status for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, with regard to the invention entitled INTELLIGENT LOCATOR SYSTEM

by inventor(s) Alexander Conrad and Charles Bell described in

☒ the specification filed herewith  
☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that I would qualify as an independent inventor as defined in 37 C.F.R. 1.9(c) for purposes of paying fees under section 41(a) and (b) of Title 35, United States Code, if I had made the above-identified invention.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, granted, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 C.F.R. 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. 1.9(d) or a non-profit organization under 37 C.F.R. 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☒ no such person, concern, or organization  
☐ persons, concerns or organizations listed below\*

\*Note: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. 1.27)

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING CHIEF BELT PRESIDENT 10-6-92  
ADDRESS OF PERSON SIGNING 4800 DENWOOD AVE  
JACKSONVILLE, FL 32205

Applicant or Patentee: Alexander Conrad and Charles Bell  
Serial or Patent No.: \_\_\_\_\_ Docket No. 20259-8  
Filed or Issued: Filed concurrently herewith Entitled: INTELLIGENT LOCATOR  
SYSTEM

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9(f) AND 1.27(b) - INDEPENDENT INVENTOR

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.19(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled: INTELLIGENT LOCATOR SYSTEM described in

☒ the specification filed herewith  
☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 C.F.R. 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. 1.9(d) or a non-profit organization under 37 C.F.R. 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☐ no such person, concern, or organization  
☒ persons, concerns or organizations listed below\*

\*Note: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. 1.27)

FULL NAME Wescom, Inc.  
ADDRESS 4800 Dellwood Avenue, Jacksonville, FL 32205  
☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. 1.28(b))

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<u>Alexander Conrad</u>	<u>Charles Bell</u>	
NAME OF INVENTOR	NAME OF INVENTOR	NAME OF INVENTOR
<u>Alexander Conrad</u>	<u>Charles Bell</u>	
SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR

<u>10-6-92</u>	<u>10-6-92</u>	
DATE	DATE	DATE

As a below named inventor, I hereby declare that:

My residence, post office address, citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled INTELLIGENT LOCATOR SYSTEM, the specification of which

is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: CLIFFORD A. POFF, REGISTRATION NO. 24,764

Address all telephone calls to Clifford A. Poff at telephone number 412-765-1580

Address all correspondence to Clifford A. Poff, P.O. Box 1185, Pittsburgh  
Pennsylvania 15230-1185

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Alexander Conrad

Inventor's signature Alexander Conrad Date 10-6-92  
Residence 1100 Sea Gate Ave., Neptune Beach, FL Citizenship United States of America  
Post Office Address 1100 Sea Gate Avenue  
Neptune Beach, FL 32266

Full name of second joint inventor, if any (given name, family name) Charles Bell

Second inventor's signature Charles Bell Date 10-6-92  
Residence 3942 Star Tree Rd., Jacksonville, FL Citizenship United States of America  
Post Office Address 3942 Star Tree Road  
Jacksonville, FL 32210

☐ Additional inventors are being named on a separate sheet attached hereto.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inter application of

ALEXANDER CONRAD, et al.

Serial No. 07/957,662

Examiner: D. Jung

Filed: October 7, 1992

Group Art Unit: 2604

Entitled: INTELLIGENT LOCATOR SYSTEM

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Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

I hereby certify that the attached Declaration by  
Alexander Conrad in the above-identified patent application is  
being deposited with the United States Postal Service as first  
class mail in an envelope addressed to: Commissioner of Patents  
and Trademarks, Washington, D.C. 20231, on September 6, 1994

*Yvonne Baldwin*  
Yvonne Baldwin

September 6, 1994

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of  
ALEXANDER CONRAD, et al.

Serial No. 07/957,662

Examiner: D. Jung

Filed: October 7, 1992

Group Art Unit: 2604

Entitled: INTELLIGENT LOCATOR SYSTEM

DECLARATION OF ALEXANDER CONRAD  
UNDER 37 C.F.R. §1.132

I hereby declare as follows:

1. I am a graduate engineer and employed by Wescom, Inc. in the position of chief engineer since June, 1991. My responsibilities at Wescom Inc. include the engineering of products for sale by the corporation.

2. One system developed and sold by Wescom, Inc. was a personnel locator system as disclosed in United States Patent No. 4,990,892 in the name of Guest et al. The personnel locator system, while fulfilling the purpose of identifying members belonging to different classes, was not designed to identify each individual of a large number of persons. To accomplish this, greater amounts of information was required for the infrared transmissions which in turn excessively shortened battery life for the portable transmitters. Charles Bell and I observed that what was needed was a way to convey more information with less pulses. This could be accomplished by conveying 2 pieces of information with one pulse but that seemed impossible. The way that we accomplished this is disclosed in the above-identified patent application.

3. Wescom, Inc. is the assignee of United States Patent Serial No. 957,662, filed October 7, 1992 (Wescom patent application) of which I am a co-inventor. The Wescom patent application is believed to provide a unique system for the infrared transmission of encoded personnel identification, and through the use of an algorithm the infrared transmissions were staggered in time to prevent overlapping transmissions and ensure valid receptions. Lastly, battery life remained at an acceptable level by the transmission in each pulse burst of pulses, where each pulse represented more than one bit of information.

4. My co-inventor Charles Bell and I set out to meet the demands for personnel locator systems which Wescom's existing systems did not fulfill. I do not believe the subject matter set forth in Wescom's claims as amended with the filing of this affidavit are disclosed or obvious from the teachings by Wescom's earlier Patent No. 4,990,892 as well as Patent No. 4,225,953 to Simon et al. I believe the use of the specific code being transmitted to generate timing delays that will prevent overlapping transmissions with other transmissions and the transmission of multiple bits with a single pulse uniquely set our invention of our system apart from all the known prior art.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false

statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Alexander Conrad  
Alexander Conrad

September 6, 1994  
Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

ANDER CONRAD, et al.

Serial No. 07/957,662

Examiner: D. Jung

Filed: October 7, 1992

Group Art Unit: 2604

Entitled: INTELLIGENT LOCATOR SYSTEM

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Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

I hereby certify that the attached Declaration by  
Charles Bell in the above-identified patent application is being  
deposited with the United States Postal Service as first class  
mail in an envelope addressed to: Commissioner of Patents and  
Trademarks, Washington, D.C. 20231, on September 6, 1994

*Yvonne Baldwin*  
Yvonne Baldwin

September 6, 1994  
Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

ALEXANDER CONRAD, et al.

Serial No. 07/957,662

Examiner: D. Jung

Filed: October 7, 1992

Group Art Unit: 2604

Entitled: INTELLIGENT LOCATOR SYSTEM

DECLARATION OF CHARLES BELL  
UNDER 37 C.F.R. 1.132

I hereby declare as follows:

1. I am co-inventor with Alexander Conrad in the above-identified patent application and I am president of Wescom Inc. a corporation of the State of Delaware having a place of business at 4800 Dellwood Ave. Jacksonville, Florida. I have worked in the fields of electronics and nurse call systems since 1973. My responsibilities at Wescom have included the development and sales of products. I was one of the original founders of Wescom and have been in charge of operations since inception. As a start up company in 1983, Wescom was a division of Westside Communications of Jacksonville, Inc. and later became a separate corporate entity engaged as a communications and systems integrator. Corporate sales for 1993 were 2,450,000.

2. One system developed and sold by Wescom, Inc. was a personnel locator system as disclosed in United States Patent No. 4,990,892 in the name of Guest et al. The personnel locator system, while fulfilling the purpose of identifying members belonging to different classes, was designed to identify each of three levels of personnel, but was not designed to identify each

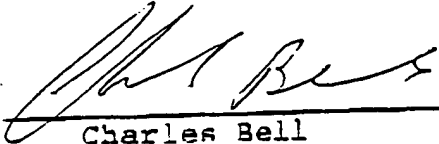
individual of a large number of individuals. To accomplish this, greater amounts of information was required from the infrared transmissions which in turn excessively shortened battery life for the portable transmitters.

3. Wescom Inc. is the assignee of United States Patent application Serial No. 957,662, filed October 7, 1992 (Wescom patent application) which is believed to provide a unique system for the infrared transmission of encoded personnel identification and through the use of an algorithm the infrared transmissions were staggered in time to prevent overlapping transmissions and ensure valid receptions. Lastly, battery life remained at an acceptable level by the transmission in each pulse bursts of pulses, where each pulse represented more than one bit of information.

4. Wescom has successfully sold six (6) intelligent locator systems embodying the inventions of the Wescom patent application. The first installation, which was experimental, occurred in March, 1993 at St. Vincent's Medical Center in Jacksonville, Florida. The sales bookings in the last year for intelligent locator systems incorporating the inventions of the above-identified patent application have totaled in excess of \$600,000 dollars with a total supply of approximately 1,000 receivers and 1,500 transmitters. During the first six months of 1994 the advertising expenditure was for direct mail and was about \$10,000.00 for sales bookings of over \$600,000. The advertising costs since the introduction of the intelligent

locator system represented less than 2% of Wescom's sales/bookings of the intelligent locator system even though the advertising promoted all of Wescom's products.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Charles Bell

9/6/94  
Date